

STATEMENT OF ENERGY PERFORMANCE

Riverside-Programs Building 15
2 Riverside Rd
Boulder MT 59632

Date: 7/21/2020
Year Built: 1972
Parent: Riverside Correctional Facility

	Baseline:	2012	2015	2018	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2015	12/31/2018	12/31/2019
Energy Star Score:	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	6,973	6,973	6,973	6,973	6,973 Sq. Ft.
Heating Degree Days	6778	7046	6715	7820	8591
Cooling Degree Days	730	517	551	432	398

Reported Annual Energy Use:

Site Energy Use:	3.5	23.7	7.4	4.9	6.7 MBTU
Site EUI:	3,504	23,738	7,439	4,882	6,677 BTU/ft2
Electricity:	7,161	48,512	15,203	9,978	13,646 kWh
Max Electric Demand:	7.0	29.0	18.0	14.7	10.5 kW
Natural Gas:	N/A	N/A	N/A	N/A	N/A Therms

Reported Annual Energy Cost:

Electricity Cost:	\$946	\$6,070	\$2,770	\$1,587	\$1,870
Electric Demand Cost:	\$2,635	\$2,565	\$1,442	\$776	\$708
Natural Gas Cost:	N/A	N/A	N/A	N/A	N/A
Energy Cost/ft2	\$0.136	\$0.870	\$0.397	\$0.228	\$0.268

Weather Normalized Energy Use:

Site Energy Use:	25.0	165.5	51.9	33.8	46.6 MBTU
Site EUI:	3,581	23,738	7,439	4,849	6,677 BTU/ft2
Electricity:	7,318	48,512	15,203	9,910	13,646 kWh
Natural Gas:	N/A	N/A	N/A	N/A	N/A Therms

National Median Energy Use:

Site Energy Use:	432.3	428.7	417.4	456.0	488.9 MBTU
Site EUI:	62,002	61,479	59,854	65,393	70,116 BTU/ft2

% Difference from National Median:

Site EUI:	-94.35%	-61.39%	-87.57%	-92.53%	-90.48%
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Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Direct Emissions:	0.0	0.0	0.0	0.0	0.0
Indirect Emissions:	2.1	14.4	4.5	3.0	4.1
Total Emissions:	2.1	14.4	4.5	3.0	4.1

National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):

Total Emissions:	37.7	37.4	36.4	39.7	42.6
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Adjusted Energy Based on Current Year:

Site Energy Use:	27.6	188.8	60.8	36.5	46.6 MBTU
Site EUI:	3,963	27,077	8,716	5,235	6,677 BTU/ft2

% Difference Adjusted Site Energy Use

2012 to Baseline	583.25%
2015 to Baseline	119.94%
2018 to Baseline	32.11%
Current to Baseline	68.49%
Current to 2018	27.54%

Note: N/A has meanings as follows:

Energy Star Score: Not available for this type of property

Adjusted Energy Use: Not available for this property

Most other data: Not available due to insufficient or missing data